

Manual Motor Starters

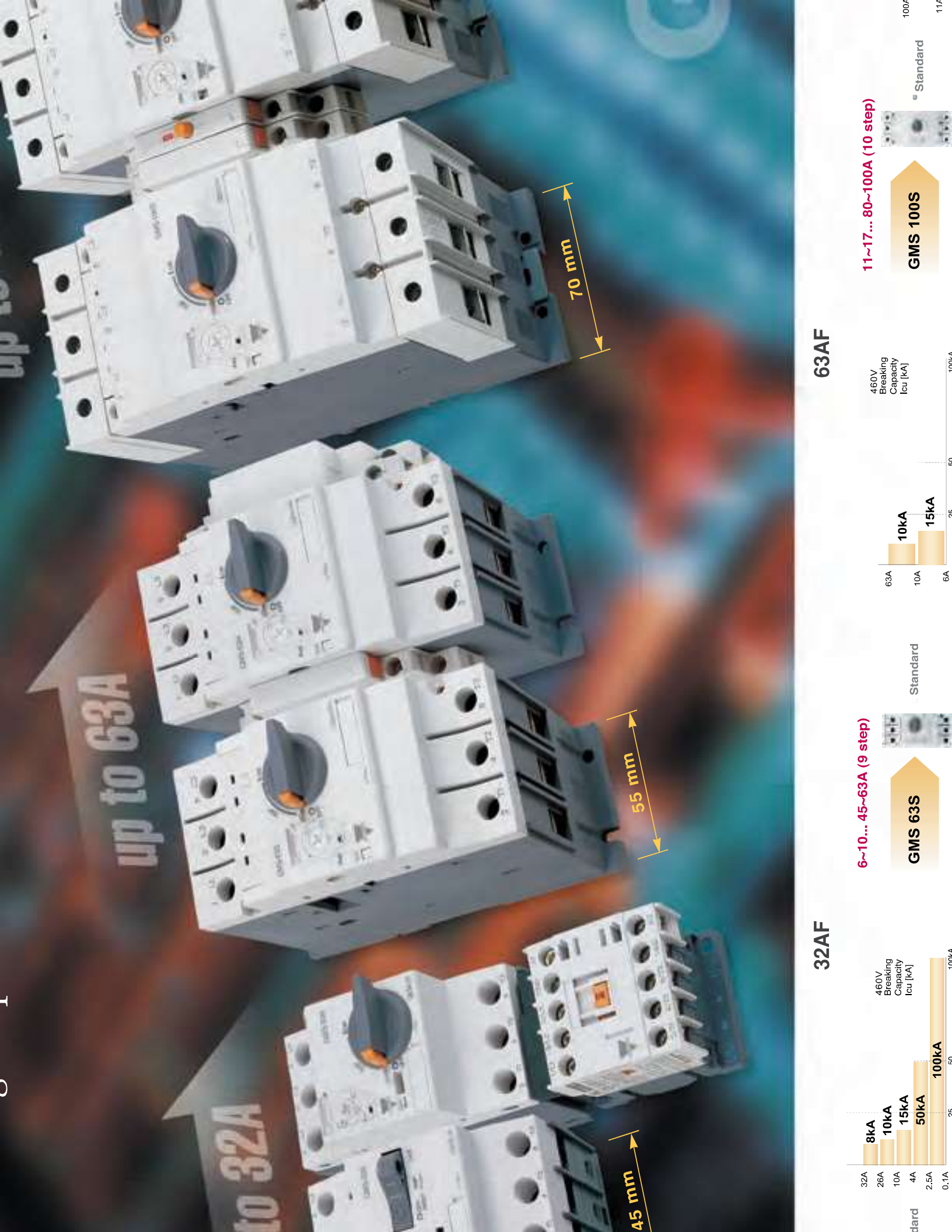
- Complete Ranges up to 100 Amps
- ON-OFF-Trip Three Position Operator
- Unique Handle Lock in the OFF Position
- Class 10, 20 Overload Trip Characteristics
- DIN Rail or Back Panel Mounting
- Finger Safe Terminals
- Trip Test



With
Extended
Warranty



Switch



up to 63A

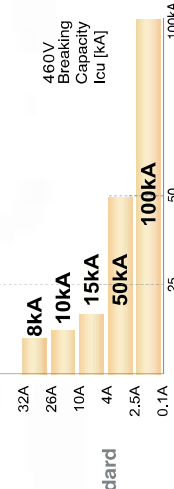
up to 32A

45 mm

55 mm

70 mm

32AF



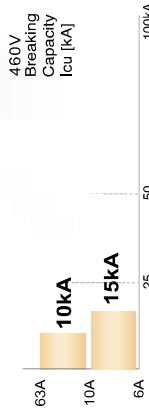
6~10... 45~63A (9 step)

GMS 63S

Standard



63AF



11~17... 80~100A (10 step)

GMS 100S

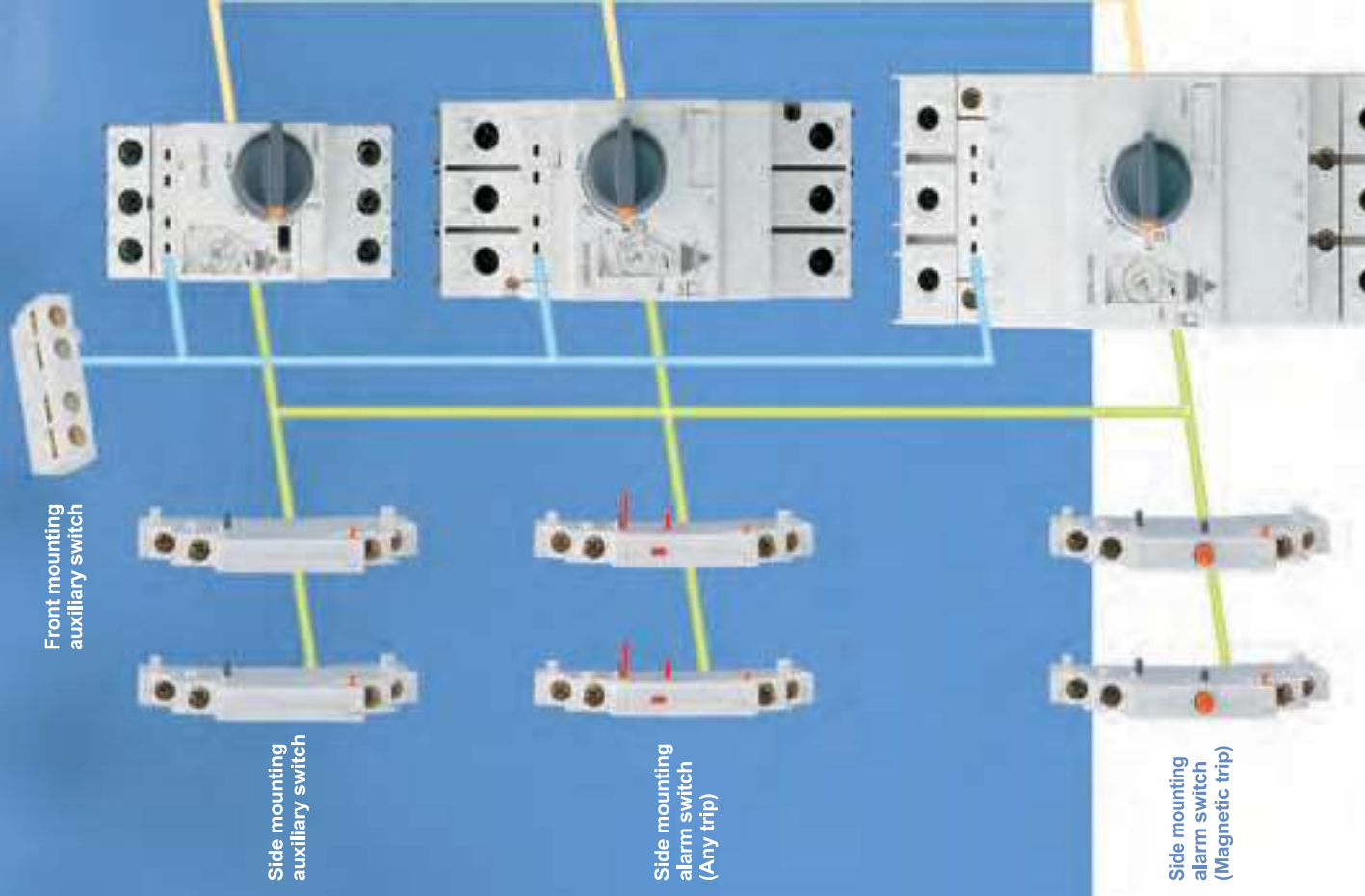
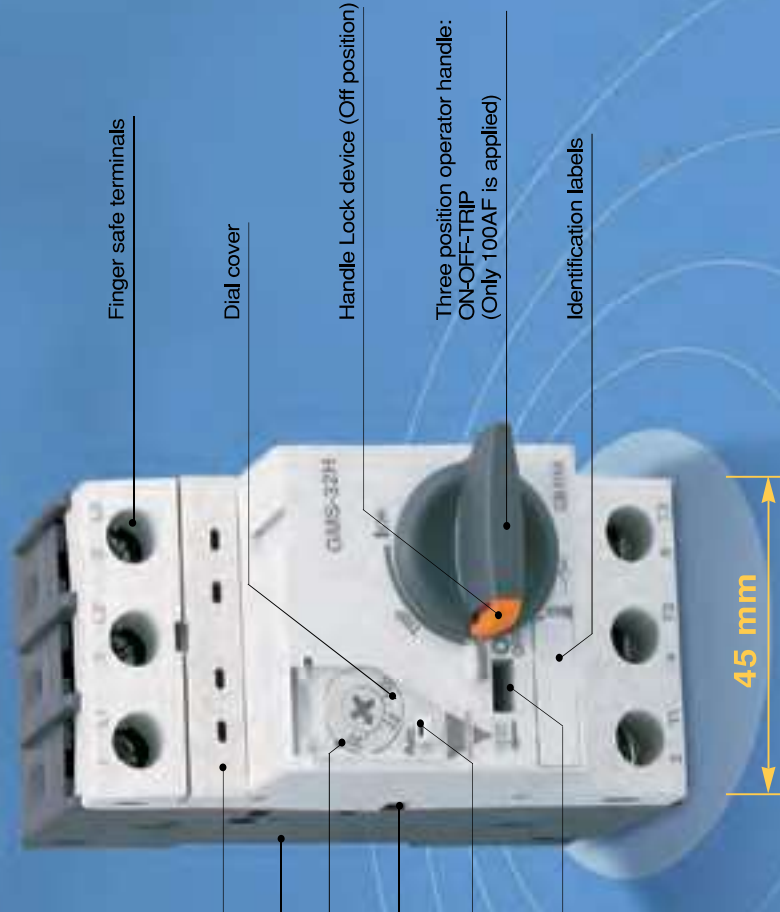
Standard



compact design

A wide variety of accessories enable flexible response to changes in s

[Scale 1:1]



over

Terminals

GMS32

GMS63

GMS100



Product Selection Guide	
Quick selection table ...IEC ra	
Motor protection	
Short-circuit protection for sta	
Accessories	
Busbar Accessories	
Technical Information	
IEC performance data (motor	
IEC performance data (Short-c	
IEC Performance data (Motor	
UL/CSA performance data (Mo	
Manual Motor Controller (UL5	
General data	
Type 'Z' coordination accordin	
Time/Current characteristic ..	
Dimensions	



Standard

- The components fulfill the international standard IEC 60947
- The devices can be used as Manual Motor Starter in Group Installations According to UL508.

55mm width up
ated to 100 amps
DAF is applied)
mon accessories
osition
o characteristics
enting



[illegible]

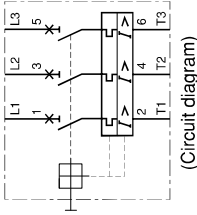
- Adjustable thermal release
- Magnetic release $13 \times I_e$ max.
- Trip class 10
- Ambient temperature compensation
- Phase-failure protection



GMS-32S



GMS-32H



Magnetic release rating current [A]	Switching of 3 phase AC motors, AC-2, AC-3				
	3-phase [kW] (50/60Hz)			3-phase [HP] (60Hz)	
	230V	400V	690V	230V	460V
1.1	-	0.02	-	-	-
1.3	0.03	0.06	-	-	-
1.2	0.06	0.09	-	-	-
1.2	0.09	0.12	0.25	-	-
1.3	0.12	0.25	0.55	-	1/2
0.8	0.25	0.55	1.1	1/3	3/4
2.5	0.37	0.75	1.5	1/2	1½
32	0.75	1.5	3	1	2
78	1.5	2.2	4	1½	5
04	1.5	3	5.5	2	5
30	3	4	7.5	3	7½
69	3	5.5	11	3	7½
21	4	7.5	11	5	10
86	4	7.5	15	7½	15
38	5.5	11	18.5	7½	15
16	7.5	15	22	10	20
1.1	-	0.02	-	-	-
1.3	0.03	0.06	-	-	-
1.2	0.06	0.09	-	-	-
1.2	0.09	0.12	0.25	-	-
1.3	0.12	0.25	0.55	-	1/2
0.8	0.25	0.55	1.1	1/3	3/4
2.5	0.37	0.75	1.5	1/2	1½
32	0.75	1.5	3	1	2
78	1.5	2.2	4	1½	5
04	1.5	3	5.5	2	5
30	3	4	7.5	3	7½
69	3	5.5	11	3	7½
21	4	7.5	11	5	10
86	4	7.5	15	7½	15
38	5.5	11	18.5	7½	15
16	7.5	15	22	10	20
1.1	-	0.02	-	-	-
1.3	0.03	0.06	-	-	-
1.2	0.06	0.09	-	-	-
1.2	0.09	0.12	0.25	-	-
1.3	0.12	0.25	0.55	-	1/2
0.8	0.25	0.55	1.1	1/3	3/4
2.5	0.37	0.75	1.5	1/2	1½
32	0.75	1.5	3	1	2
78	1.5	2.2	4	1½	5
04	1.5	3	5.5	2	5
30	3	4	7.5	3	7½
69	3	5.5	11	3	7½
21	4	7.5	11	5	10
86	4	7.5	15	7½	15
38	5.5	11	18.5	7½	15
16	7.5	15	22	10	20

Type	Rated operational current I _e [A]	Thermal release Adjustment range [A]	Magnetic release Operating current [A]	Switching of 3 phase AC motors, AC-2, AC-3		
				3-phase [kW] (50/60Hz)		
				230V	400V	690V
GMS-63S (Standard)	10	6~10	130	3	4	7.5
	13	9~13	169	3	5.5	11
	17	11~17	221	4	7.5	11
	22	14~22	286	4	7.5	15
	26	18~26	338	5.5	11	18.5
	32	22~32	416	7.5	15	22
	40	28~40	520	7.5	18.5	30
GMS-63H (High break)	50	34~50	650	11	22	45
	63	45~63	819	15	30	55
	10	6~10	130	3	4	7.5
	13	9~13	169	3	5.5	11
	17	11~17	221	4	7.5	11
	22	14~22	286	4	7.5	15
	26	18~26	338	5.5	11	18.5
GMS-100S (Standard)	32	22~32	416	7.5	15	22
	40	28~40	520	7.5	18.5	30
	50	34~50	650	11	22	45
	63	45~63	819	15	30	55
	75	55~75	975	22	37	63
	90	70~90	1170	30	45	75
	100	80~100	1300	30	45	90
GMS-100H (High break)	17	11~17	221	4	7.5	11
	22	14~22	286	4	7.5	15
	26	18~26	338	5.5	11	18.5
	32	22~32	416	7.5	15	22
	40	28~40	520	7.5	18.5	30
	50	34~50	650	11	22	45
	63	45~63	819	15	30	55
GMS-63S (Standard)	75	55~75	975	22	37	63
	90	70~90	1170	30	45	75
	100	80~100	1300	30	45	90
	17	11~17	221	4	7.5	11
	22	14~22	286	4	7.5	15
	26	18~26	338	5.5	11	18.5
	32	22~32	416	7.5	15	22
GMS-100H (High break)	40	28~40	520	7.5	18.5	30
	50	34~50	650	11	22	45
	63	45~63	819	15	30	55
	75	55~75	975	22	37	63
	90	70~90	1170	30	45	75
	100	80~100	1300	30	45	90
	17	11~17	221	4	7.5	11
GMS-63H (High break)	22	14~22	286	4	7.5	15
	26	18~26	338	5.5	11	18.5
	32	22~32	416	7.5	15	22
	40	28~40	520	7.5	18.5	30
	50	34~50	650	11	22	45
	63	45~63	819	15	30	55
	75	55~75	975	22	37	63
GMS-100S (Standard)	90	70~90	1170	30	45	75
	100	80~100	1300	30	45	90
	17	11~17	221	4	7.5	11
	22	14~22	286	4	7.5	15
	26	18~26	338	5.5	11	18.5
	32	22~32	416	7.5	15	22
	40	28~40	520	7.5	18.5	30
GMS-100H (High break)	50	34~50	650	11	22	45
	63	45~63	819	15	30	55
	75	55~75	975	22	37	63
	90	70~90	1170	30	45	75
	100	80~100	1300	30	45	90
	17	11~17	221	4	7.5	11
	22	14~22	286	4	7.5	15
GMS-63S (Standard)	26	18~26	338	5.5	11	18.5
	32	22~32	416	7.5	15	22
	40	28~40	520	7.5	18.5	30
	50	34~50	650	11	22	45
	63	45~63	819	15	30	55
	75	55~75	975	22	37	63
	90	70~90	1170	30	45	75
GMS-100H (High break)	100	80~100	1300	30	45	90
	17	11~17	221	4	7.5	11
	22	14~22	286	4	7.5	15
	26	18~26	338	5.5	11	18.5
	32	22~32	416	7.5	15	22
	40	28~40	520	7.5	18.5	30
	50	34~50	650	11	22	45
GMS-63H (High break)	63	45~63	819	15	30	55
	75	55~75	975	22	37	63
	90	70~90	1170	30	45	75
	100	80~100	1300	30	45	90
	17	11~17	221	4	7.5	11
	22	14~22	286	4	7.5	15
	26	18~26	338	5.5	11	18.5
GMS-100S (Standard)	32	22~32	416	7.5	15	22
	40	28~40	520	7.5	18.5	30
	50	34~50	650	11	22	45
	63	45~63	819	15	30	55
	75	55~75	975	22	37	63
	90	70~90	1170	30	45	75
	100	80~100	1300	30	45	90
GMS-100H (High break)	17	11~17	221	4	7.5	11
	22	14~22	286	4	7.5	15
	26	18~26	338	5.5	11	18.5
	32	22~32	416	7.5	15	22
	40	28~40	520	7.5	18.5	30
	50	34~50	650	11	22	45
	63	45~63	819	15	30	55
GMS-63S (Standard)	75	55~75	975	22	37	63
	90	70~90	1170	30	45	75
	100	80~100	1300	30	45	90
	17	11~17	221	4	7.5	11
	22	14~22	286	4	7.5	15
	26	18~26	338	5.5	11	18.5
	32	22~32	416	7.5	15	22
GMS-100H (High break)	40	28~40	520	7.5	18.5	30
	50	34~50	650	11	22	45
	63	45~63	819	15	30	55
	75	55~75	975	22	37	63
	90	70~90	1170	30	45	75
	100	80~100	1300	30	45	90
	17	11~17	221	4	7.5	11
GMS-63H (High break)	22	14~22	286	4	7.5	15
	26	18~26	338	5.5	11	18.5
	32	22~32	416	7.5	15	22
	40	28~40	520	7.5	18.5	30
	50	34~50	650	11	22	45
	63	45~63	819	15	30	55
	75	55~75	975	22	37	63
GMS-100S (Standard)	90	70~90	1170	30	45	75
	100	80~100	1300	30	45	90
	17	11~17	221	4	7.5	11
	22	14~22	286	4	7.5	15
	26	18~26	338	5.5	11	18.5
	32	22~32	416	7.5	15	22
	40	28~40	520	7.5	18.5	30
GMS-100H (High break)	50	34~50	650	11	22	45
	63	45~63	819	15	30	55
	75	55~75	975	22	37	63
	90	70~90	1170	30	45	75
	100	80~100	1300	30	45	90
	17	11~17	221	4	7.5	11
	22	14~22	286	4	7.5	15
GMS-63S (Standard)	26	18~26	338	5.5	11	18.5
	32	22~32	416	7.5	15	22
	40	28~40	520	7.5	18.5	30
	50	34~50	650	11	22	45
	63	45~63	819	15	30	55
	75	55~75	975	22	37	63
	90	70~90	1170	30	45	75
GMS-100H (High break)	100	80~100	1300	30	45	90
	17	11~17	221	4	7.5	11
	22	14~22	286	4	7.5	15
	26	18~26	338	5.5	11	18.5
	32	22~32	416	7.5	15	22
	40	28~40	520	7.5	18.5	30
	50	34~50	650	11	22	45
GMS-63H (High break)	63	45~63	819	15	30	55
	75	55~75	975	22	37	63
	90	70~90	1170	30	45	75
	100	80~100	1300	30	45	90
	17	11~17	221	4	7.5	11
	22	14~22	286	4	7.5	15
	26	18~26	338	5.5	11	18.5
GMS-100S (Standard)	32	22~32	416	7.5	15	22
	40	28~40	520	7.5	18.5	30
	50	34~50	650	11	22	45
	63	45~63	819	15	30	55
	75	55~75	975	22	37	63
	90	70~90	1170	30	45	75
	100	80~100	1300	30	45	90
GMS-100H (High break)	17	11~17	221	4	7.5	11
	22	14~22	286	4	7.5	15
	26	18~26	338	5.5	11	18.5
	32	22~32	416	7.5	15	22
	40	28~40	520	7.5	18.5	30
	50	34~50	650	11	22	45
	63	45~63	819	15	30	55
GMS-63S (Standard)	75	55~75	975	22	37	63
	90	70~90	1170	30	45	75
	100	80~100	1300	30	45	90
	17	11~17	221	4	7.5	11
	22	14~22	286	4	7.5	15
	26	18~26	338	5.5	11	18.5
	32	22~32	416	7.5	15	22
GMS-100H (High break)	40	28~40	520	7.5	18.5	30
	50	34~50	650	11	22	45
	63	45~63	819	15	30	55
	75	55~75	975	22	37	63
	90	70~90	1170	30	45	75
	100	80~100	1300	30	45	90
	17	11~17	221	4	7.5	11
GMS-63H (High break)	22	14~22	286	4	7.5	15
	26	18~26	338	5.5	11	18.5
	32	22~32	416	7.5	15	22
	40	28~40	520	7.5	18.5	30
	50	34~50	650	11	22	45
	63	45~63	819	15	30	55
	75	55~75	975	22	37	63
GMS-100S (Standard)	90	70~90	1170	30	45	75
	100	80~100	1300	30	45	90
	17	11~17	221	4	7.5	11
	22	14~22	286	4	7.5	15
	26	18~26	338	5.5	11	18.5
	32	22~32	416	7.5	15	22
	40	28~40	520	7.5	18.5	30
GMS-100H (High break)	50	34~50	650	11	22	45
	63	45~63	819	15	30	55
	75	55~75	975	22	37	63
	90	70~90	1170	30	45	75
	100	80~100	1300	30	45	90
	17	11~17	221	4	7.5	11
	22	14~22	286	4	7.5	15
GMS-63S (Standard)	26	18~26	338	5.5	11	18.5
	32	22~32	416	7.5	15	22
	40	28~40	520	7.5	18.5	30
	50	34~50	650	11	22	45
	63	45~63	819	15	30	55
	75	55~75	975	22	37	63
	90	70~90	1170	30	45	75
GMS-100H (High break)	100	80~100	1300	30	45	90
	17	11~17	221	4	7.5	11
	22	14~22	286	4	7.5	15
	26	18~26	338	5.5	11	18.5
	32	22~32	416	7.5	15	22
	40	28~40	520	7.5	18.5	30
	50	34~50	650	11	22	45
GMS-63H (High break)	63	45~63	819	15	30	55
	75	55~75	975	22	37	63
	90	70~90	1170	30	45	75
	100	80~100	1300	30	45	90
	17	11~17	221	4	7.5	11
	22	14~22	286	4	7.5	15
	26	18~26	338	5.5	11	18.5
GMS-100S (Standard)	32	22~32	416	7.5	15	22
	40	28~40	520	7.5	18.5	30
	50	34~50	650	11	22	

- Adjustable thermal release
- Magnetic release $13 \times I_e$ max.
- Trip class 20
- Ambient temperature compensation
- Phase-failure protection



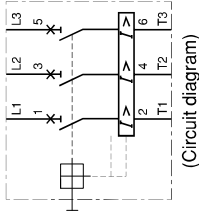
GMS-32HI



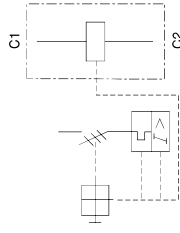
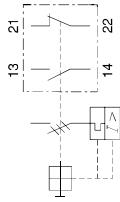
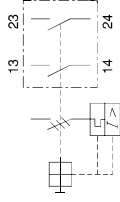
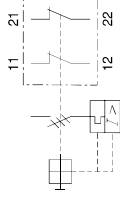
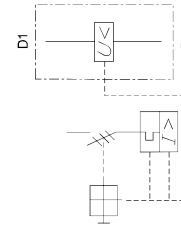
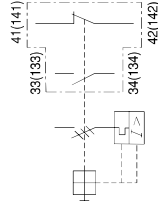
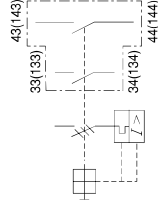
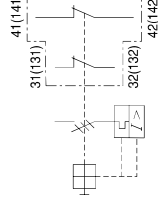
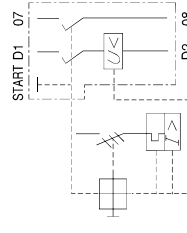
GMS-63HI



GMS-100HI



Magnetic release operating current [A]	Switching of 3 phase AC motors, AC-2, AC-3					
	3-phase [kW] (50/60Hz)			3-phase [HP] (60Hz)		
	230V	400V	690V	230V	460V	575V
2.1	-	0.02	-	-	-	-
3.3	0.03	0.06	-	-	-	-
5.2	0.06	0.09	-	-	-	-
8.2	0.09	0.12	0.25	-	-	-
13	0.12	0.25	0.55	-	1/2	100
20.8	0.25	0.55	1.1	1/3	3/4	100
32.5	0.37	0.75	1.5	1/2	1½	100
52	0.75	1.5	3	1	2	100
78	1.5	2.2	4	1½	5	100
104	1.5	3	5.5	2	5	38
130	3	4	7.5	3	7½	38
169	3	5.5	11	3	7½	38
221	4	7.5	11	5	10	15
286	4	7.5	15	7½	15	20
338	5.5	11	18.5	7½	15	20
416	7.5	15	22	10	20	30
520	7.5	18.5	30	15	25	38
650	11	22	45	15	30	35
819	15	30	55	20	40	35
1040	22	45	75	25	50	35
1280	30	60	100	30	60	38
1580	40	80	130	40	75	38
1980	55	110	180	55	100	38
2500	75	150	250	75	130	38
3120	100	200	330	100	160	38
3840	130	260	440	130	200	38
4700	160	320	550	160	250	38
5760	200	400	700	200	315	38
7000	250	500	880	250	390	38
8500	300	600	1100	300	475	38
10200	360	720	1350	360	575	38
12200	440	880	1650	440	690	38
14500	530	1060	1980	530	825	38
17200	640	1280	2350	640	990	38
20200	770	1540	2800	770	1185	38
23600	920	1840	3300	920	1410	38
27400	1100	2200	3900	1100	1680	38
31600	1320	2640	4600	1320	2010	38
36200	1580	3160	5500	1580	2415	38
41200	1900	3800	6600	1900	2880	38
46600	2280	4560	7900	2280	3420	38
52400	2720	5440	9400	2720	4050	38
58600	3220	6400	11100	3220	4785	38
65200	3780	7560	13100	3780	5670	38
72200	4420	8840	15400	4420	6615	38
79600	5140	10360	18000	5140	7710	38
87400	5940	12060	20900	5940	8955	38
95600	6820	13960	24200	6820	10365	38
104200	7780	16060	28000	7780	11970	38
113200	8820	18360	32000	8820	13860	38
122600	9940	20860	36500	9940	15945	38
132400	11140	23560	41500	11140	18255	38
142600	12420	26460	47000	12420	20805	38
153200	13780	29560	53000	13780	23595	38
164200	15220	32860	59500	15220	26625	38
175600	16740	36360	66500	16740	29905	38
187400	18340	40060	74000	18340	33435	38
199600	20020	43960	82000	20020	37215	38
212200	21780	48060	90500	21780	41355	38
225200	23620	52360	99500	23620	45865	38
238600	25540	56860	109000	25540	50745	38
252400	27540	61560	119000	27540	55995	38
266600	29620	66460	129500	29620	61625	38
281200	31780	71560	140500	31780	67635	38
296200	34020	76860	152000	34020	74035	38
311600	36340	82360	164000	36340	80835	38
327400	38740	88060	176500	38740	88035	38
343600	41220	93960	189500	41220	95635	38
360200	43780	100060	203000	43780	103635	38
377200	46420	106360	217000	46420	112035	38
394600	49140	112860	231500	49140	120835	38
412400	51940	119560	246500	51940	130035	38
430600	54820	126460	262000	54820	139635	38
449200	57780	133560	278000	57780	149635	38
468200	60820	140860	294500	60820	160035	38
487600	63940	148360	311500	63940	170835	38
507400	67140	156060	329000	67140	182035	38
527600	70420	163960	347000	70420	193635	38
548200	73780	172060	365500	73780	205635	38
569200	77220	180360	384500	77220	218035	38
590600	80740	188860	404000	80740	230835	38
612400	84340	197560	424000	84340	244035	38
634600	88020	206460	444500	88020	257635	38
657200	91780	215560	465500	91780	271635	38
680200	95620	224860	487000	95620	286035	38
703600	99540	234360	509000	99540	299835	38
727400	103540	244060	531500	103540	314035	38
751600	107620	253960	554500	107620	328635	38
776200	111780	264060	578000	111780	343635	38
801200	116020	274360	602000	116020	359035	38
826600	120340	284860	626500	120340	374835	38
852400	124740	295560	651500	124740	391035	38
878600	129220	306460	677000	129220	407635	38
905200	133780	317560	703000	133780	424635	38
932200	138420	328860	729500	138420	442035	38
959600	143140	340360	756500	143140	459835	38
987400	147940	352060	784000	147940	478035	38
1015600	152820	363960	812000	152820	496635	38
1044200	157780	376060	840500	157780	515635	38
1073200	162820	388360	869500	162820	535035	38
1102600	167940	400860	899000	167940	554835	38
1132400	173140	413560	929000	173140	575035	38
1162600	178420	426460	959500	178420	595635	38
1193200	183780	439560	990500	183780	616635	38
1224200	189220	452860	1022000	189220	638035	38
1255600	194740	466360	1054000	194740	659835	38
1287400	200340	480060	1086500	200340	682035	38
1319600	206020	493960	1119500	206020	704635	38
1352200	211780	508060	1153000	211780	727635	38
1385200	217620	522360	1187000	217620	751035	38
1418600	223540	536860	1221500	223540	774835	38
1452400	229540	551560	1256500	229540	799035	38
1486600	235620	566460	1292000	235620	823635	38
1521200	241780	581560	1328000	241780	848635	38
1556200	248020	596860	1364500	248020	874035	38
1591600	254340	612360	1401500	254340	899835	38
1627400	260740	628060	1439000	260740	926035	38
1663600	267220	643960	1477000	267220	952635	38
1700200	273780	660060	1515500	273780	979635	38
1737200	280420	676360	1554500	280420	1007035	38
1774600	287140	692860	1594000	287140	1034835	38
1812400	293940	709560	1634000	293940	1063035	38
1850600	300820	726460	1674500	300820	1091635	38
1889200	307780	743560	1715500	307780	1120635	38
1928200	314820	760860	1757000	314820	1150035	38
1967600	321940	778360	1800000	321940	1180835	38
2007400	329140	796060	1843500	329140	1212035	38
2047600	336420	813960	1888500	336420	1243635	38
2088200	343780	832060	1934000	343780	1275635	38
2129200	351220	850360	1980000	351220	1308035	38
2170600	358740	868860	2026500	358740	1340835	38
2212400	366340	887560	2074500	366340	1374035	38
2254600	374020	906460	2123000	374020	1407635	38
2297200	381780	925560	2172000	381780	1441635	38
2340200	389620	944860	2221500	389620	1476035	38
2383600	397540	964360	2271500	397540	1510835	38
2427400	405540	984060	2322000	405540	1546035	38
2471600	413620	1003960	2373000	413620	1581635	38
2516200	421780	1024060	2424500	421780	1617635	38
2561200	429940	1044360	2476500	429940	1654035	38
2606600	438140	1064860	2529000	438140	1690835	38
2652400	446380	1085560	2582000	446380	1728035	38
2698600	454620	1106460	2635500	454620	1765635	38
2745200	462940	1127560	2690000	462940	1803635	38
2792200	471340	1148860	2745500	471340	1842035	38
2839600	479820	1170360	2802000	479820	1880835	38
2887400	488380	1192060	2859500	488380	1920035	38
2935600	496940	1213960	2918000	496940	1959635	38
2984200	505540	1236060	2977500	505540	2000635	38
3033200	514180	1258360	3038000	514180	2042035	38
3082600	522820	1280860	3099500	522820	2083835	38
3132400	531480	1303560	3162000	531480	2126035	38
3182600	540140	1326460	3225500	540140	2168635	38
3233200	548820	1349560	3290000	548820	2211635	38
3284200	557540	1372860	3355500	557540	2255035	38
3335600	566220	1396360	3422000	566220	2298835	38
3387400	574940	1420060	3489500	574940	2343035	38
3439600	583620	1443960	3558000	583620	2387635	38
3492200	592380	1468060	3627500	592380	2432635	38
3545200	601140	1492360	3698000	601140	2478035	38
3598600	609940	1516860	3769500	609940	252	

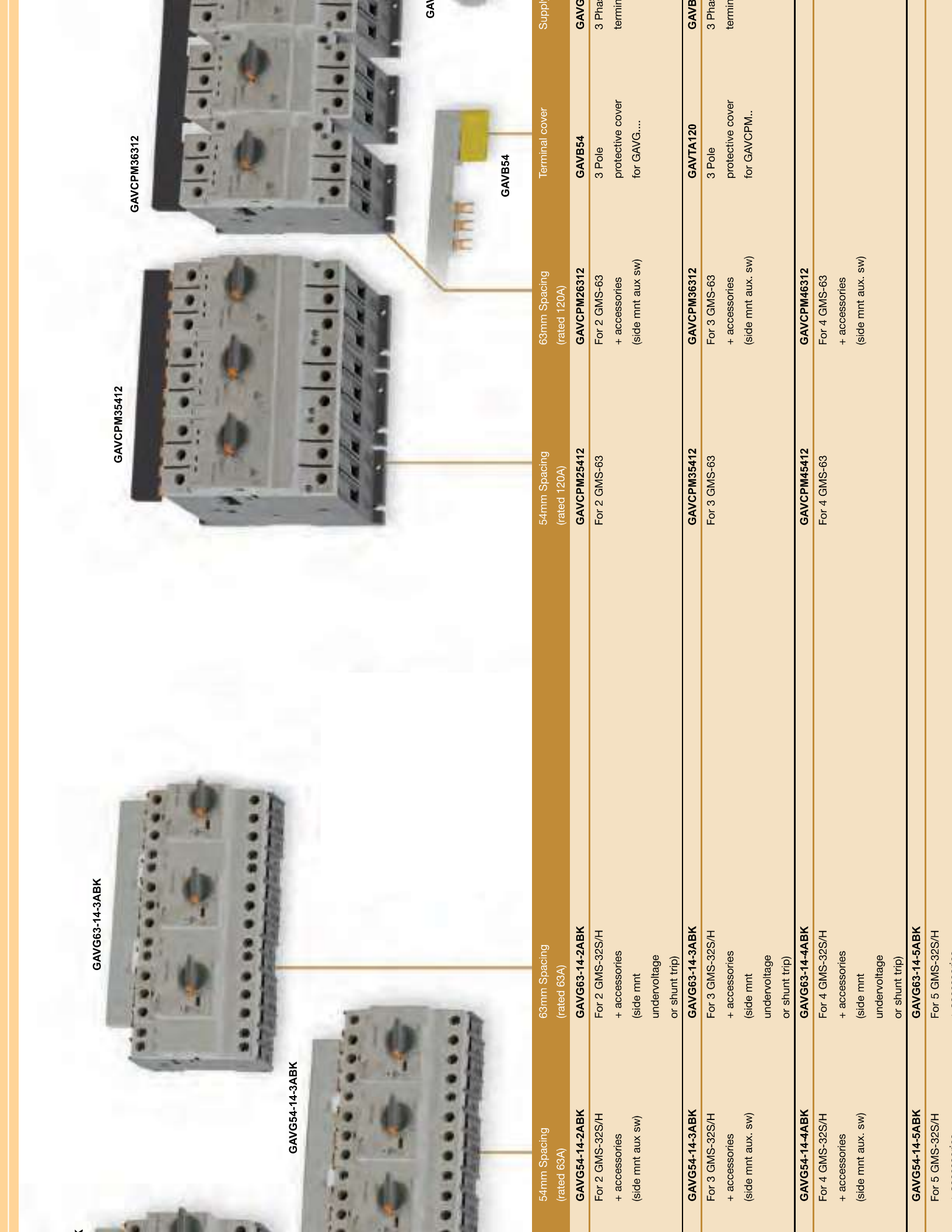
Option	Connection diagram			Type	Description	Comments
g module	1NO1NC	2NO	2NC		GSR... Shunt release • Side mounting on the right • One side mounting module per circuit breaker. (Always directly fitted to the circuit breaker).	
						
the left g module	1NO1NC	2NO	2NC		GUR... Undervoltage release • Side mounting on the right • One side mounting module per circuit breaker. (Always directly fitted to the circuit breaker).	
						
n Switch the left g module per ways directly breaker except Alarm Switch).	GSA32-11 GSA63100-11	GSA32-20 GSA63100-20	GSA32-02 GSA63100-02		GURX... Undervoltage release with Switch (Rotary Handle Only) • Side mounting on the right • Include 2NO Auxiliary contact • One side mounting module per circuit breaker. (Always directly fitted to the circuit breaker).	
Others						
					PIL32 Push-in lug • For screwing the MMS on to mounting plates.	
					IB100 Insulation barriers • Insulation barriers with increased creepage distances and clearances for UL	

Ordering Example: Specify Contact Arrangement

GFX-11 (1NO 1NC)

GFX-20 (2NO)

GFX-02 (2NC)



GAVG63-14-3ABK

GAVCPM35412

GAVCPM36312

GAVG54-14-3ABK

GAVB54

54mm Spacing (rated 63A)	63mm Spacing (rated 63A)	54mm Spacing (rated 120A)	63mm Spacing (rated 120A)	Terminal cover	Supply
GAVG54-14-2ABK For 2 GMS-32S/H + accessories (side mnt aux sw)	GAVG63-14-2ABK For 2 GMS-32S/H + accessories (side mnt undervoltage or shunt trip)	GAVCPM25412 For 2 GMS-63	GAVCPM26312 For 2 GMS-63 + accessories (side mnt aux sw)	GAVB54 3 Pole protective cover for GAVG...	GAVG 3 Phase termin
GAVG54-14-3ABK For 3 GMS-32S/H + accessories (side mnt aux. sw)	GAVG63-14-3ABK For 3 GMS-32S/H + accessories (side mnt undervoltage or shunt trip)	GAVCPM35412 For 3 GMS-63	GAVCPM36312 For 3 GMS-63 + accessories (side mnt aux. sw)	GAVTA120 3 Pole protective cover for GAVCPM..	GAVB 3 Phase termin
GAVG54-14-4ABK For 4 GMS-32S/H + accessories (side mnt aux. sw)	GAVG63-14-4ABK For 4 GMS-32S/H + accessories (side mnt undervoltage or shunt trip)	GAVCPM45412 For 4 GMS-63	GAVCPM46312 For 4 GMS-63 + accessories (side mnt aux. sw)		
GAVG54-14-5ABK For 5 GMS-32S/H	GAVG63-14-5ABK For 5 GMS-32S/H				

L

Rated operational current I _e	[A]	10	13	17	22	26	32	40	50	63
Standard motors										
[kW]		2.2/3	3	3.7/4	4	5.5	7.5	7.5	11	15
[kW]		3.7/4	5.5	7.5	7.5	11	15	18.5	22	30
[kW]		4/5.5	7.5	11	11	15	18.5	22	30	37
[kW]		7.5	11	11	15	18.5	22	30	45	55
>I_{cu} (fuse required)										
[A]		*	*	*	*	*	*	*	*	*
[A]		*	*	100	125	125	125	160	160	160
[A]		100	100	100	125	125	125	125	160	160
[A]		100	100	100	100	100	100	100	100	100
[A]		63	63	63	80	80	80	80	80	80
Short-circuit										
I_{cu}										
[kA]		100	100	100	100	100	100	100	100	100
[kA]		100	100	50	50	50	50	50	50	50
[kA]		50	50	50	50	35	35	35	35	35
[kA]		50	42	12	12	10	10	10	10	10
[kA]		6	6	5	5	5	5	5	5	5
Short-circuit										
I_{cs}										
[kA]		100	100	100	100	100	100	100	100	100
[kA]		100	100	50	50	50	50	50	50	50
[kA]		38	38	38	38	27	27	27	27	27
[kA]		38	32	9	9	9	8	8	8	8
[kA]		5	5	5	5	5	5	5	5	5

HL

Rated operational current I _e	[A]	17	22	26	32	40	50	63	75	90	100
Standard motors											
[kW]		3.7/4	4	5.5	7.5	7.5	11	15	22	30	30
[kW]		7.5	7.5	11	15	18.5	22	30	37	45	45
[kW]		11	11	15	18.5	22	30	37	45	55	63
[kW]		11	15	18.5	22	30	45	55	63	75	90
>I_{cu} (fuse required)											
[A]		*	*	*	*	*	*	*	*	*	*
[A]		*	*	*	*	*	*	*	*	*	*
[A]		125	125	125	160	160	160	200	200	200	200
[A]		100	125	125	160	160	160	160	160	160	160
[A]		80	80	80	80	100	100	100	125	160	160
Short-circuit											
I_{cu}											
[kA]		100	100	100	100	100	100	100	100	100	100
[kA]		100	100	100	100	100	100	100	75	75	75
[kA]		50	50	50	50	50	50	50	50	50	50
[kA]		35	35	35	25	20	15	15	12	12	12
[kA]		12	12	12	12	12	10	8	6	6	6
Short-circuit											
I_{cs}											
[kA]		100	100	100	100	100	100	100	100	100	100
[kA]		100	50	50	50	50	50	50	50	50	50
[kA]		38	38	38	38	38	38	38	38	38	38

Manual motor controller

(UL 508, CSA C22.2 as Manual motor controllers)

● GMS-32S

Rated operational current I _e	[A]	0.16	0.25	0.4	0.63	1	1.6	2.5	4	6
Max. short-circuit current										
240V	[kA]	100	100	100	100	100	100	100	100	100
480Y/277V	[kA]	50	50	50	50	50	50	50	50	25
600Y/347V	[kA]	10	10	10	10	10	10	10	5	5
Motor load										
1 Phase	[HP]	-	-	-	-	-	-	-	1/8	1/4
3 Phase	[HP]	-	-	-	-	-	1/10	1/6	1/3	3/4
230V	[HP]	-	-	-	-	-	-	-	1	1½
230V	[HP]	-	-	-	-	-	1/3	1/2	1	1½
460V	[HP]	-	-	-	-	1/2	3/4	1½	2	5
575V	[HP]	-	-	-	-	1/2	1	1½	3	5
Maximum rated current of fuse or breaker										
[A]		500	500	500	500	500	500	500	500	500

Manual motor controller "group installation" or "Type E starter"

(UL 508, CSA C22.2 No..14, for group installation, in connection with a short-circuit protection device)

● GMS-32H

Rated operational current I _e	[A]	0.16	0.25	0.4	0.63	1	1.6	2.5	4	6
Max. short-circuit current										
240V	[kA]	100	100	100	100	100	100	100	100	100
480Y/277V	[kA]	65	65	65	65	65	65	65	65	65
600Y/347V	[kA]	25	25	25	25	25	25	25	25	25
Motor load										
1 Phase	[HP]	-	-	-	-	-	-	-	1/8	1/4
230V	[HP]	-	-	-	-	-	1/10	1/6	1/3	3/4
3 Phase	[HP]	-	-	-	-	-	1/3	1/2	1	1½
460V	[HP]	-	-	-	-	1/2	3/4	1½	2	5
575V	[HP]	-	-	-	-	1/2	1	1½	3	5
Maximum rated current of fuse or breaker										
[A]		500	500	500	500	500	500	500	500	500



Manual motor controller "group installation" or "Type E starter"
(UL 508, CSA C22.2 No.14, for group installation, in connection with a short-circuit protection device)

Rated operational current I _e	[A]	10	13	17	22	26	32	40	50	63
Max. short-circuit current										
240V	[kA]	100	100	100	100	100	100	100	100	100
480Y/277V	[kA]	50	50	40	40	40	40	40	40	40
600Y/347V	[kA]	10	10	10	10	10	10	10	10	10
Motor load										
1 Phase	[HP]	1/2	1/2	1	2	2	3	3	5	5
3 Phase	[HP]	1½	2	3	3	5	5	7½	10	15
230V	[HP]	3	3	5	7½	10	10	15	15	20
460V	[HP]	7½	7½	10	15	20	25	30	40	50
575V	[HP]	10	10	15	20	25	30	40	50	60
Maximum rated current of fuse or breaker	[A]	600	600	600	600	600	600	600	600	600



Manual motor controller "group installation" or "Type E starter"
(UL 508, CSA C22.2 No..14, for group installation, in connection with a short-circuit protection device)

● GMS-100S

Rated operational current I _e	[A]	17	22	26	32
Max. short-circuit current					
240V	[kA]	100	100	100	100
480Y/277V	[kA]	50	50	50	50
600Y/347V	[kA]	10	10	10	10
Motor load					
1 Phase	[HP]	1	1½	2	3
3 Phase	[HP]	3	3	5	5
230V	[HP]	5	7½	10	10
460V	[HP]	10	15	20	25
575V	[HP]	15	20	25	30
Maximum rated current of fuse or breaker	[A]	1000	1000	1000	1000

Rated operational current I _e	[A]	10	13	17	22	26	32	40	50	63
Max. short-circuit current										
240V	[kA]	100	100	100	100	100	100	100	100	100
480Y/277V	[kA]	65	65	50	50	50	50	50	50	50
600Y/347V	[kA]	25	25	10	10	10	10	10	10	10
Motor load										
1 Phase	[HP]	1/2	1/2	1	2	2	3	3	5	5
3 Phase	[HP]	1½	2	3	3	5	5	7½	10	15
230V	[HP]	3	3	5	7½	10	10	15	15	20
460V	[HP]	7½	7½	10	15	20	25	30	40	50
575V	[HP]	10	10	15	20	25	30	40	50	60
Maximum rated current of fuse or breaker	[A]	600	600	600	600	600	600	600	600	600



● GMS-100H

Rated operational current I _e	[A]	17	22	26	32
Max. short-circuit current					
240V	[kA]	100	100	100	100
480Y/277V	[kA]	65	65	65	65
600Y/347V	[kA]	25	20	20	20
Motor load					
1 Phase	[HP]	1	1½	2	3
3 Phase	[HP]	3	3	5	5
230V	[HP]	5	7½	10	10
460V	[HP]	10	15	20	25
575V	[HP]	15	20	25	30
Maximum rated current of fuse or breaker	[A]	1000	1000	1000	1000

5	0.4	0.63	1	1.6	2.5	4	6	8	10	13	17	22	26	32
0	100	100	100	100	100	100	100	100	50	50	40	30	30	20
50	50	50	50	50	50	50	25	25	10	10	10	10	7.5	7.5
10	10	10	10	10	5	5	5	5	5	5	5	5	5	5
-	-	-	-	-	-	1/8	1/4	1/3	1/2	1/2	1	2	2	2
-	-	-	-	1/10	1/6	1/3	3/4	1	1½	2	3	3	5	5
-	-	-	-	1/3	1/2	1	1½	2	3	3	5	7½	7½	10
-	-	1/2	3/4	1½	2	5	5	5	7½	7½	10	15	15	20
-	-	1/2	1	1½	3	5	5	5	10	10	15	20	20	30
1	1	3	6	10	15	15	20	30	40	50	60	80	100	125
15	15	15	15	15	15	15	20	30	40	50	60	80	100	125



● GMS-63H

Rated operational current I _e		[A]	10	13	17	22
Max. short-circuit current						
240V		[kA]	100	100	100	100
480Y/277V		[kA]	50	50	50	50
600Y/347V		[kA]	10	10	10	10
Motor load						
1 Phase		[HP]	1/2	1/2	1	2
230V		[HP]	1½	2	3	3
3 Phase		[HP]	3	3	5	7½
460V		[HP]	7½	7½	10	15
575V		[HP]	10	10	15	20
Max. fuse size		[A]	40	50	60	80
Max. breaker size		[A]	40	50	60	80

5	0.4	0.63	1	1.6	2.5	4	6	8	10	13	17	22	26	32
0	100	100	100	100	100	100	100	100	100	100	100	100	100	100
50	50	50	50	50	50	50	50	50	50	50	30	30	30	30
10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
-	-	-	-	-	1/8	1/3	1/4	1/3	1/2	1/2	1	2	2	2
-	-	-	-	1/10	1/6	1/3	3/4	1	1½	2	3	3	5	5
-	-	-	1/3	1/2	1	1½	2	3	3	3	5	7½	7½	10
-	-	1/2	3/4	1½	2	5	5	5	7½	7½	10	15	15	20
-	-	1/2	1	1½	3	5	5	5	10	10	15	20	20	30
1	1	3	6	10	15	15	20	30	40	50	60	80	100	125
15	15	15	15	15	15	15	20	30	40	50	60	80	100	125



● GMS-100S

Rated operational current I _e		[A]	17	22	26	32
Max. short-circuit current						
240V		[kA]	100	100	100	100
480Y/277V		[kA]	25	25	25	25
600Y/347V		[kA]	10	10	10	10
Motor load						
1 Phase		[HP]	1	1½	2	3
230V		[HP]	3	3	5	5
3 Phase		[HP]	5	7½	10	10
460V		[HP]	10	15	20	25
575V		[HP]	15	20	25	30
Max. fuse size		[A]	60	80	100	125
Max. breaker size		[A]	60	80	100	125



● GMS-100H

Rated operational current I _e		[A]	17	22	26	32
Max. short-circuit current						
240V		[kA]	100	100	100	100
480Y/277V		[kA]	50	50	50	50
600Y/347V		[kA]	10	10	10	10
Motor load						
1 Phase		[HP]	1	1½	2	3
230V		[HP]	3	3	5	5
3 Phase		[HP]	5	7½	10	10
460V		[HP]	10	15	20	25
575V		[HP]	15	20	25	30
Max. fuse size		[A]	60	80	100	125
Max. breaker size		[A]	60	80	100	125

17	22	26	32	40	50	63
0	100	100	100	100	100	100
25	25	25	25	25	25	25
10	10	10	10	10	10	10
1	2	2	3	3	5	5
3	3	5	5	7½	10	15
5	7½	10	10	15	15	20
10	15	20	25	30	40	50
15	20	25	30	40	50	60
60	80	100	125	150	200	250
60	80	100	125	150	200	250



Type		GMS-32S	GMS-32H	GMS-63S, 63H
Rated insulation voltage IEC UL, CSA		690V	690V	1000V
		600V	600V	600V
Rated impulse withstand voltage Uimp/Pollution degree		6kV / 3	6kV / 3	8kV / 3
Rated frequency		50 / 60 Hz	50 / 60 Hz	50 / 60 Hz
Utilization category: IEC 947-2 (Circuit breaker) IEC 947-4-1 (Motor starter)		Cat. A AC 3	Cat. A AC 3	Cat. A AC 3
Life span Mechanical Electrical (I _e max.)	Operations	100,000	100,000	50,000
	Operations	100,000	100,000	25,000
Switching frequency		25	25	25
Ambient temperature	Storage	-50 ~ +80	-50 ~ +80	-50 ~ +80
	Operation	-20 ~ +60	-20 ~ +60	-20 ~ +60
Operation altitude		Up to 2000 (6500 Feet)	Up to 2000 (6500 Feet)	Up to 2000 (6500 Feet)
Protection class		IP 20 Safe from finger touch	IP 20 Safe from finger touch	IP 20 Safe from finger touch
Resistance to shock		25	25	25
Resistance to vibration		5 ~ 150	5 ~ 150	5 ~ 150
Rated thermal current I _{th} IEC up to 60°C ambient temperature		0,1 ... 32	0,1 ... 32	6 ... 63
	[A]			
Overload protection Characteristics		○	○	○
Ambient temperature compensation, thermal current I _{th} adjustments -20°C ~ -5°C -5°C ~ +40°C +40°C ~ +60°C		set one point lower ³⁾ automatic set one point higher ³⁾	set one point lower ³⁾ automatic set one point higher ³⁾	set one point lower ³⁾ automatic set one point higher ³⁾
Phase-failure protection		○	○	○
Trip class IEC 60947-4-1		10	10	10 ¹⁾
Magnetic release Response current		13 × I _n ²⁾	13 × I _n ²⁾	13 × I _n ²⁾
Total power loss P _v				

32...100

GMS-32S	GMS-32H	GMS-32S, 63H	GMS-100S, 100H
IEC60947			
UL508, UL508 Type E			
CE, UL			
			
1...10 / 18...8	1...10 / 18...8	0,75...35 / 18...2	2,5...70 / 12...20
1...6 / 18...10	1...6 / 18...10	0,75...25 / 18...4	2,5...50 / 12...10
1...6 / 18...10	1...6 / 18...10	0,75...35 / 18...2	2,5...70 / 12...20
1...6 / 18...10	1...6 / 18...10	0,75...25 / 18...4	2,5...50 / 12...10
1...6 / 18...10	1...6 / 18...10	0,75...25 / 18...4	2,5...50 / 12...10
0,75...4 / 18...10	0,75...4 / 18...10	0,75...16 / 18...6	2,5...35 / 10...2
0,8...2,5 / 7...22	0,8...2,5 / 7...22	3...4,5 / 26...39	4...6 / 35...53

or Starter GMS-32...100

Auxiliary contacts for front mounting		Auxiliary contacts for left side mounting		Alarm switch for left side mounting	
GFX...		GSX...		GSA...	
5	1	0	1	0	
3	6			6	
B 600 Standard Pilot Duty		A 600 Standard Pilot Duty		A 600 Standard Pilot Duty	
R 300 Light Pilot Duty		Q 300 Light Pilot Duty		Q 300 Light Pilot Duty	
16	1	6	1	6	
24	240	24	240	24	240
3	2	6	4	6	4
24	220	24	220	24	220
1	0,1	2	0,25	2	0,25



Pozidriv size 2
0.5...2.5 / 20...14
0.5...2.5 / 20...14
0.5...4 / 20...10
0.75...2.5 / 18...14

● Accessories for Manual Motor Starter GMS-32...100

		Undervoltage release w contacts for right side mounting	Undervoltage release w contacts for right side mounting
		GUR...	GURX...
Actuating voltage			
Pull-in		0.85...1.1 × Us	0.85...1.1 × Us
Drop-out		0.7...0.35 × Us	0.7...0.35 × Us
Rated control voltage			
min.:		24V 50Hz / 28V 60Hz	24V 50Hz / 28V 60Hz
max.:		415~440V 50Hz / 460~480V 60Hz	415~440V 50Hz / 460 60Hz
Coil rating			
Pull-in		8.5VA, 6W	8.5VA, 6W
Hold		3VA, 1.2W	3VA, 1.2W
On-Time		100%	100%
Terminal parts			
Type of terminals			
Screwdriver		1,conductor [mm] / [AWG]	Pozidriv size 2
		2,conductor [mm] / [AWG]	0.5...2.5 / 20...
		1,conductor [mm] / [AWG]	0.5...2.5 / 20...
		2,conductor [mm] / [AWG]	0.5...4 / 20...
Tightening torque		[Nm] / [lb-in]	0,75...2.5 / 18...
			0.8...1.2 / 7...



● Weights

Description	Type	Weight [g]
Circuit breaker	GMS-32S	320
	GMS-32H	360
	GMS-63S	1,000
	GMS-100S	2,200
Auxiliary switch	GFX...(Front Auxiliary Switch)	18
	GSX...(Side Auxiliary Switch)	30
	GSA...(Alarm Switch)	40
Undervoltage release	GUR...(Undervoltage release)	110
	GURX...(Undervoltage release with 2 auxiliary contacts)	120
Shunt release	GSR...(Shunt release)	110

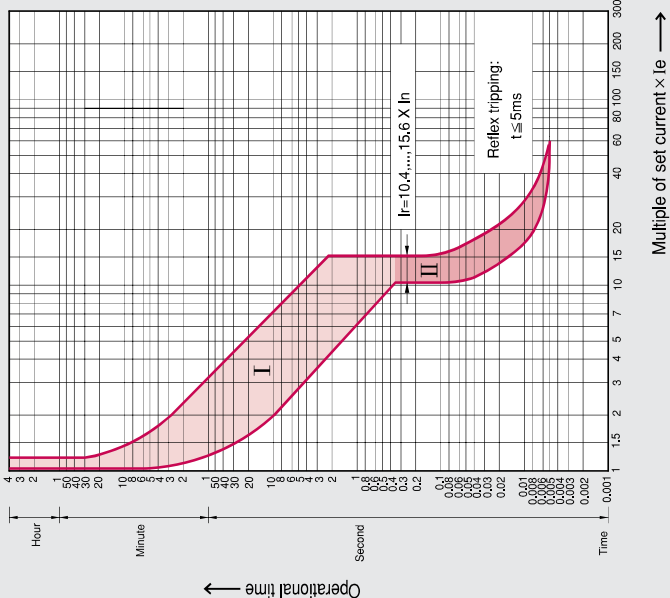
ircuit current Iq = 50kA
: 400/415V, 50/60Hz

V	[A]	Manual motor starter			Type	[A]	Magnetic release response current [A]	Type	[A]
		Circuit breaker	Thermal overload release setting range						
0.24	0.24	GMS-32S 0.25A	0.16 ~0.25		CGMS-6	6	3.25	CGMS-6	6
0.33	0.33	GMS-32S 0.4A	0.25~0.4		CGMS-6	6	5.2	CGMS-6	6
0.43	0.43	GMS-32S 0.63A	0.4~0.63		CGMS-6	6	8.19	CGMS-6	6
0.61	0.61	GMS-32S 0.63A	0.4~0.63		CGMS-6	6	8.19	CGMS-6	6
0.8	0.8	GMS-32S 1A	0.63~1		CGMS-6	6	13	CGMS-6	6
1.1	1.1	GMS-32S 1.6A	1~1.6		CGMS-6	6	20.8	CGMS-6	6
1.5	1.5	GMS-32S 1.6A	1~1.6		CGMS-6	6	20.8	CGMS-6	6
1.9	1.9	GMS-32S 2.5A	1.6~2.5		CGMS-9/CGC-9	9	32.5	CGMS-9/CGC-9	9
2.7	2.7	GMS-32S 4A	2.5~4		CGMS-9/CGC-9	9	52	CGMS-9/CGC-9	9
3.5	3.5	GMS-32S 4A	2.5~4		CGMS-12/CGC-12	12	52	CGMS-12/CGC-12	12
5.0	5.0	GMS-32S 6A	4~6		CGC-18	18	78	CGC-18	18
6.6	6.6	GMS-32S 8A	5~8		CGC-18	18	104	CGC-18	18
8.3	8.3	GMS-32S 10A	6~10		CGC-18	18	130	CGC-18	18
10	10	GMS-32S 13A	9~13		CGC-22	22	169	CGC-22	22
15	15	GMS-32H 17A	11~17		CGC-22	22	221	CGC-22	22
20	20	GMS-32H 22A	14~22		CGC-32	32	286	CGC-32	32
25	25	GMS-32H 26A	18~26		CGC-32	32	338	CGC-32	32
32	32	GMS-32H 32A	22~32		CGC-32	32	416	CGC-32	32
40	40	GMS-63S 40A	28~40		CGC-50	50	520	CGC-50	50
50	50	GMS-63S 50A	34~50		CGC-50	50	650	CGC-50	50
63	63	GMS-63S 63A	45~63		CGC-65	65	819	CGC-65	65
80	80	GMS-100S 75A	55~75		CGC-75	75	975	CGC-75	75
100	100	GMS-100S 90A	70~90		CGC-85	85	1170	CGC-85	85
125	125	GMS-100S 100A	80~100		CGC-85	85	1300	CGC-85	85

2' coordination according to IEC 947-4-1

or the starter must not endanger persons or systems in the event of a short-circuit.
r or the starter must be suitable for further use.
o the overload relay or other parts may occur with the exception of welding of the
starter contacts provided that these can be easily separated without significant
such as with a screwdriver).

GMS-32S, H



I) Thermal release trip current :

The adjustable inverse bimetal trip reliability protects motors against overloads.
The curve shows the mean operating current at an ambient temperature of 20 °C starting from
Careful testing and setting ensures effective motor protection even in the case of single-ph

II) Magnetic release trip current :

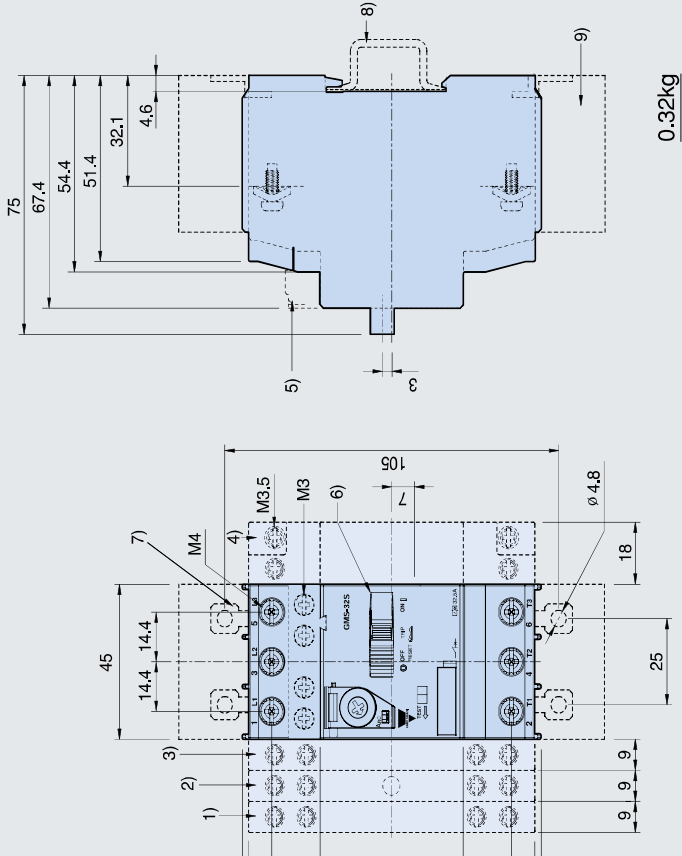
The instantaneous magnetic trip has a fixed operating current setting.
This corresponds to 13times the maximum value of setting range,
at a lower setting it is correspondingly higher.

Current setting Ie :

The overload trip corresponds to a thermal overload relay in a motor starter conforming to
if a different value is prescribed (e.g. reduced Ie for cooling medium having a temperature
than 40 °C or a place of installation higher than 2000m above sea level),
the setting current is equal to the reduced rated current Ie of the motor.

[mm]

● GMS-32H, 32HI



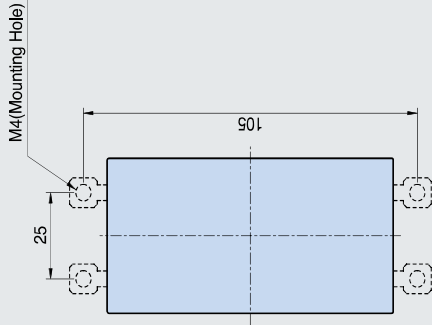
0.32kg

Height of arcing spaces
(Clearance from earthed parts)

Ue[V]	240	415	460	525	690
[mm]	20	20	20	20	20

Arcing spaces for limiter function

Ue[V]	525		690	
	left/right	top/bottom	left/right	top/bottom
[mm]	10	40	30	50

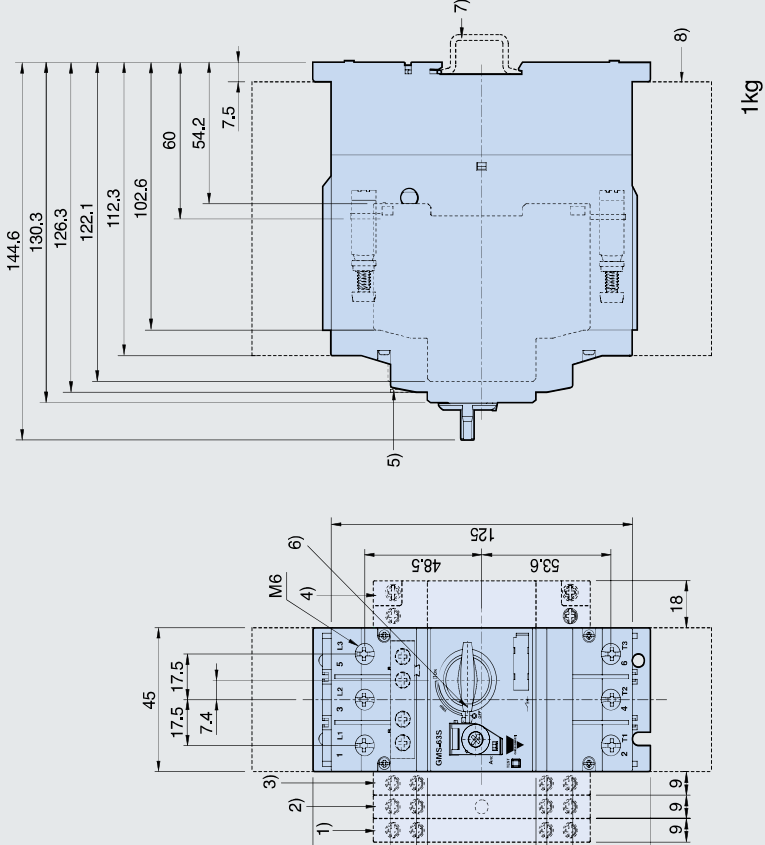


- 1) Side auxiliary switch
- 2) Side magnetic trip alarm switch
- 3) Side any trip alarm switch
- 4) Side shunt release or Side undervoltage release
- 5) Front auxiliary switch
- 6) Handle lock in OFF position(ϕ 5mm)
- 7) Push-in Lugs for screw mounting
- 8) 35mm standard mounting rail acc. to EN 50 022

S, 63H, 63HI, 63HL

[mm]

● GMS-100S, 100H, 100HI, 100HL

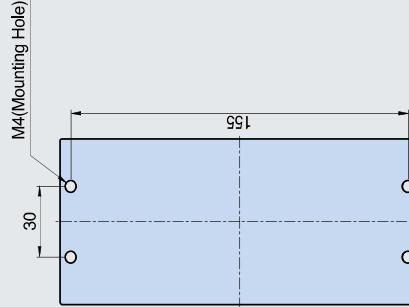
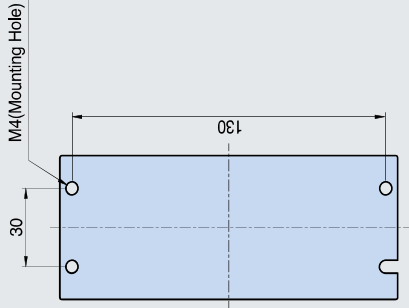


Height of arcing spaces
(Clearance from earthed parts)

Ue[V]	240	415	460	525	690
[mm]	50	50	50	50	50

Arcing spaces for limiter function

Ue[V]	525	690
[mm]	10	10



- 1) Side auxiliary switch
- 2) Side magnetic trip alarm switch
- 3) Side any trip alarm switch
- 4) Side shunt release or Side undervoltage release
- 5) Front auxiliary switch
- 6) Handle lock in OFF position (φ 5mm)
- 7) Insulation barrier
- 8) 35mm standard mounting rail acc. to EN 50 022
- 9) 75mm standard mounting rail acc. to EN 50 023
- 10) 4mm hexagon socket screw



www.GavazziOnline.com is an ir
you the ability to download data
pricing and availability, track shi



Download Brochures



Latest Events



Industry Specific Web Pages



CARLO GAVAZZI

NEW PRODUCTS RELEASED
Solid State Relays
with Integrated Heat
Sink

New Product
Press Releases



Data Sheets



The Complete Product Package

Sensors

Inductive and Capacitive Sensors
Photoelectric Sensors
Ultrasonic Sensors
Wind Sensors
Radar Sensors
Motion/Presence Vision Sensors
Conductive Level Sensors
Magnetic Switches
Safety Interlocks and Light Curtains

Switches

Solid State Relays
Contactors and Overloads
Manual Motor Starters/Protectors
Circuit and Motor Protection
Soft Starters
Variable Frequency Drives
Hybrid Relays
Electromechanical Relays
Limit Switches
Push Buttons and Pilot Lights

Controls

Energy Management
Switching Power Supplies
Timers and Counters
Monitoring Controls and CBs
Human Machine Interfaces
Digital Panel Meters
PID Controllers
PV String Monitoring
Safety Control Modules
Solar Monitoring and Control

Fieldbuses

Dupline® Field and Installation Bus
Building Automation Systems
Parking Guidance Systems
Elevator Systems
DuplineSafe Mining Systems
Irrigation Systems

A Global Force in Industrial and Building Automation

CARLO GAVAZZI has a multitude of sales offices spanning North America (not to mention our hundreds of distributors). Therefore, we can be viewed as "your local automation resource" - assisting you every step of the way in finding the proper solution for your various application requirements. Naturally, our job is greatly simplified as we have such a vast range of solutions to offer you via our comprehensive product package. Our worldwide sales offices make us an ideal business partner, especially for manufacturers of exported machinery, as our products are available locally and they are RoHS and CE marked.

USA
CARLO GAVAZZI INC.
750 Hastings Lane
Buffalo Grove, IL 60089
Tel: 847.465.6100
Fax: 800.222.2659
Sales@CarloGavazzi.com

CANADA
CARLO GAVAZZI (CANADA) INC.
2680 Meadowvale Boulevard
Mississauga, ON L5N 6M6
Tel: 905.575.2275
Fax: 905.542.2249
Gavazzi@CarloGavazzi.com

MEXICO
CARLO GAVAZZI MEXICO S.A. de C.V.
Calle La Montaña no. 26, Fracc. Los Pastores
Naucalpan de Juárez, EDOMEX CP 53340
Tel & Fax: 55.5373.7042
MexicoSales@CarloGavazzi.com

Regional / Area Sales Office
Product Sales Office

Argentina • Australia • Austria • Bahrain • Belgium • Bolivia • Bosnia • Brazil • Brunei • Bulgaria • Canada
Chile • China • Colombia • Croatia • Cyprus • Czech • Denmark • Dominican Republic • Egypt • Estonia
Finland • France • Germany • Greece • Hungary • Hong Kong • Iceland • India • Indonesia • Iran • Ireland
Italy • Japan • Jordan • Kenya • Korea • Kuwait • Lebanon • Malaysia • Malta • Morocco • Mauritius • Mexico
Netherlands • New Zealand • Norway • Pakistan • Papua New Guinea • Paraguay • Peru • Philippines
Poland • Portugal • Qatar • Romania • Russia • Saudi Arabia • Serbia • Singapore • Slovakia • Slovenia
South Africa • Spain • Sultanate of Oman • Sweden • Switzerland • Taiwan • Thailand • Tunisia • Turkey
Ukraine • United Arab Emirates • United Kingdom • Uruguay • United States • Venezuela • Vietnam • and many more countries

Your Authorized Distributor:

CARLO GAVAZZI
Automation Components

USA Tel: 847.465.6100 Fax: 800.222.2659

Canada Tel: 888.575.2275 Fax: 905.542.2249

Mexico Tel and Fax: 55.5373.7042

www.GavazziOnline.com • Info@CarloGavazzi.com

twitter.com/CarloGavazziNA facebook.com/CarloGavazziNA



Download our mobile app: **GAVAZZI APP**

